

WHAT IS CLAIMED IS:

1. A system for converting a message into a patternless encrypted message, wherein the message includes a plurality of message elements, comprising:

5 encryption software, which comprises an encryption substitution set, for converting the message into the patternless encrypted message, adapted to generate a table of substitutes for each message element, wherein the table is comprised of a plurality of truly random set elements to be assigned to each of the plurality of message elements, and wherein the encryption software comprises
10 multiple shiftkey replacement.

2. The system of claim 1, further comprising formatting software, adapted to be applied to the patternless encrypted message for transmission thereof to a recipient.

3. The system of claim 1, wherein the encryption software is the same
15 for all users thereof.

4. The system of claim 1, wherein the encryption software is calculated for each message.

5. The system of claim 3, wherein the table is fixed, in that the number of substitutes for each element of the set in the multiple shiftkey replacement is
20 fixed independent of the message, and wherein the message is in a language, and the number of set element substitutes is pre-calculated based on the language.

6. The system of claim 3, wherein the encryption software is a ratio, in that the number of substitutes for each element of the set in the multiple shiftkey replacement is a ratio of the frequency of each message element in a medium.

7. The system of claim 3, wherein the message is in a language, and the 5 table generated by the encryption software is calculated based on the message language.

8. The system of claim 3, wherein the table generated by the encryption software is calculated based on the message.

9. The system of claim 4, wherein the encryption software is a ratio, in 10 that the number of substitutes for each element of the set in the multiple shiftkey replacement is a ratio of the frequency of each message element in a medium.

10. The system of claim 4, wherein the message is in a language, and the table generated by the encryption software is calculated based on the message language.

15 11. The system of claim 4, wherein the table generated by the encryption software is calculated based on the message.

12. The system of claim 6, wherein the medium comprises the message language.

13. The system of claim 9, wherein the medium comprises the message

language.

14. The system of claim 9, wherein the medium comprises the message.

15. A system for converting a message into a patternless encrypted message, wherein the message includes a plurality of message elements, comprising:

10 encryption software means, which comprise an encryption substitution set, for converting the message into the patternless encrypted message, adapted to generate a table of substitutes for each message element, wherein the table is comprised of a plurality of truly random set elements to be assigned to each of the plurality of message elements, and wherein the encryption software means comprise multiple shiftkey replacement.

15 16. A method of converting a message into a patternless encrypted message, wherein the message includes a plurality of message elements, in a system which comprises encryption software, which comprises an encryption substitution set, for converting the message into the patternless encrypted message, adapted to generate a table of substitutes for each message element, wherein the table is comprised of a plurality of truly random set elements to be assigned to each of the plurality of message elements, and wherein the encryption software comprises multiple shiftkey replacement, wherein the method comprises:

20 encrypting the message into the patternless encrypted message by the encryption software, including

generating a table of substitutes for each message element, which includes

25 assigning a plurality of truly random set elements to each of the plurality of message elements.

17. The method of claim 16, further comprising formatting software, adapted to be applied to the patternless encrypted message for transmission thereof to a recipient, and further comprising applying the formatting software to the patternless encrypted message for transmission thereof to a recipient.

5 18. The method of claim 16, wherein the encryption software is the same for all users thereof, and wherein encrypting further comprises encrypting the message by the encryption software which is the same for all users thereof.

10 19. The method of claim 16, wherein the encryption software is calculated for each message, and wherein encrypting further comprises encrypting the message by the encryption software which is calculated for each message.

15 20. The method of claim 18, wherein the table is fixed, in that the number of substitutes for each element of the set in the multiple shiftkey replacement is fixed independent of the message, and wherein the message is in a language, and the number of set element substitutes is pre-calculated based on the language, and wherein generating further comprises generating the table of substitutes which is fixed, including fixing the number of substitutes for each element of the set in the multiple shiftkey replacement independent of the message, and pre-calculating the number of set element substitutes based on the language of the message.

20 21. The method of claim 18, wherein the encryption software is a ratio, in that the number of substitutes for each element of the set in the multiple shiftkey replacement is a ratio of the frequency of each message element in a medium, and wherein calculating further comprises generating the table of substitutes wherein

the number of substitutes for each element of the set in the multiple shiftkey replacement is a ratio of the frequency of each message element in a medium.

22. The method of claim 18, wherein the message is in a language, and the table generated by the encryption software is calculated based on the message language, and wherein calculating further comprises generating the table of substitutes by the encryption software based on the message language.

23. The method of claim 18, wherein the table generated by the encryption software is calculated based on the message, and wherein calculating further comprises generating the table of substitutes by the encryption software based on the message.

24. The method of claim 19, wherein the encryption software is a ratio, in that the number of substitutes for each element of the set in the multiple shiftkey replacement is a ratio of the frequency of each message element in a medium, and wherein calculating further comprises generating the table of substitutes wherein the number of substitutes for each element of the set in the multiple shiftkey replacement is a ratio of the frequency of each message element in a medium.

25. The method of claim 19, wherein the message is in a language, and the table generated by the encryption software is calculated based on the message language, and wherein calculating further comprises generating the table of substitutes by the encryption software based on the message language.

26. The method of claim 19, wherein the table generated by the encryption software is calculated based on the message, and wherein calculating

further comprises generating the table of substitutes by the encryption software based on the message.

27. The method of claim 21, wherein the medium comprises the message language, and wherein calculating further comprises generating the table of substitutes wherein the number of substitutes for each element of the set in the multiple shiftkey replacement is a ratio of the frequency of each message element in the message language medium.

28. The method of claim 22, wherein the medium comprises the message language, and wherein calculating further comprises generating the table of substitutes wherein the number of substitutes for each element of the set in the multiple shiftkey replacement is a ratio of the frequency of each message element in the message language medium.

29. The method of claim 22, wherein the medium comprises the message, and wherein calculating further comprises generating the table of substitutes wherein the number of substitutes for each element of the set in the multiple shiftkey replacement is a ratio of the frequency of each message element in the message medium.

30. A method of converting a message into a patternless encrypted message, wherein the plaintext message includes a plurality of message elements, in a system which comprises encryption software means, which comprise an encryption substitution set, for converting the message into the patternless encrypted message, adapted to generate a table of substitutes for each message element, wherein the table is comprised of a plurality of truly random set elements

to be assigned to each of the plurality of message elements, and wherein the encryption software means comprise multiple shiftkey replacement, wherein the method comprises:

5 encrypting the message into the patternless encrypted message by the encryption software means, including

generating a table of substitutes for each message element, which includes

assigning a plurality of truly random set elements to each of the plurality of message elements.